

SEARCH REQUEST FORM

Examiner # (Mandatory): 60484 Requester's Full Name: Andres KACHNIKOW

Art Unit 3700 Location (Bldg/Room#): CP2 - 2A01 Phone (circle 305 306 308) 1137

Serial Number: D91636,468 Results Format Preferred (circle): PAPER DISK E-MAIL

Title of Invention _____

Inventors (please provide full names): _____

Earliest Priority Date: _____

Keywords (include any known synonyms registry numbers, explanation of initialisms):

implantable non invasive rate-adjustable pumps
Ingenior - Inc. Medical
XcelTec

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Search Topic:

Please write detailed statement of the search topic, and the concept of the invention. Describe as specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples of relevant citations, authors, etc., if known. You may include a copy of the abstract and the broadcast or most relevant claim(s).

LIT SEARCH FOR 5,820,589

STAFF USE ONLY

Searcher: Jeanne Harrigan

Searcher Phone #: 305-5934

Searcher Location: CP2 - 2A08

Date Picked Up: 3/8

Date Completed: 3/8

Clerical Prep Time: 17

Terminal Time: 3

Number of Databases: _____

Type of Search

N.A. Sequence

A.A. Sequence

Structure (#)

Bibliographic

Litigation

Fulltext

Procurement

Other

Vendors (include cost where applicable)

STN

Questel/Orbit

Lexis/Nexis

WWW/Internet

In-house sequence systems (list)

Dialog

Dr. Link

Westlaw

Other (specify) _____

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INPADOC

**Basic Patent (Number,Kind,Date):** WO 9740872 A1 19971106**Patent Family:**

Patent Number	Kind	Date	Application Number	Kind	Date
AU 9727467	A1	19971119	AU 9727467	A	19970428
<u>US 5820589</u>	A	19981013	US 641363	A	19960430
WO 9740872	A1	19971106	WO 97US7114	A	19970428 (Basic)

Priority Data:

Patent Number	Kind	Date
US 641363	A	19960430
WO 97US7114	W	19970428

PATENT FAMILY:**Australia (AU)**

Patent (Number,Kind,Date): AU 9727467 A1 19971119

IMPLANTABLE NON-INVASIVE RATE ADJUSTABLE PUMP (English)

Patent Assignee: MEDTRONIC INC

Author (Inventor): TORGERSON NATHAN A; McMULLEN RAYMOND

Priority (Number,Kind,Date): US 641363 A 19960430; WO 97US7114 W 19970428

Applie (Number,Kind,Date): AU 9727467 A 19970428

IPC: * A61M-005/142

Derwent WPI Acc No: * G 97-549504

Language of Document: English

United States of America (US)

Patent (Number,Kind,Date): US 5820589 A 19981013

IMPLANTABLE NON-INVASIVE RATE-ADJUSTABLE PUMP (English)

Patent Assignee: MEDTRONIC INC (US)

Author (Inventor): TORGERSON NATHAN A (US); McMULLEN RAYMOND F (US)

Priority (Number,Kind,Date): US 641363 A 19960430

Applie (Number,Kind,Date): US 641363 A 19960430

National Class: * 604093000

IPC: * A61M-011/00
Derwent WPI Acc No: * G 97-549504
Language of Document: English

United States of America (US) - Legal Status

Number	Type	Date	Code	Text	
US 5820589	P	19960430	US AE	APPLICATION DATA (PATENT)	(APPL. DATA (PATENT))
				US 641363 A 19960430	
US 5820589	P	19960715	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST	
				MEDTRONIC, INC. 3000 CENTRAL AVENUE NE MINNEAPOLIS, MINNESOTA 55432 ; TORGERSON, NATHAN A. : 19960709; MCMULLEN, RAYMOND F. :19960708	
US 5820589	P	19981013	US A	PATENT	
US 5820589	P	20010206	US RF	REISSUE APPLICATION FILED	(REISSUE APPL. FILED)
				20001011	

World Intellectual Property Organization, PCT (WO)

Patent (Number,Kind,Date): WO 9740872 A1 19971106
IMPLANTABLE NON-INVASIVE RATE ADJUSTABLE PUMP (English)
Patent Assignee: MEDTRONIC INC (US)
Author (Inventor): TORGERSON NATHAN A; MCMULLEN RAYMOND
Priority (Number,Kind,Date): US 641363 A 19960430
Applc (Number,Kind,Date): WO 97US7114 A 19970428
Designated States: (National) AU; CA; JP (Regional) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE

Filing Details: WO 130000 With international search report; Before expiration of time limit for amending the claims and to be republished in the event of the receipt of the amendments

IPC: * A61M-005/142

Derwent WPI Acc No: ; G 97-549504

Language of Document: English

World Intellectual Property Organization, PCT (WO) - Legal Status

Number	Type	Date	Code	Text	
WO 9740872	P	19960430	WO AA	PRIORITY (PATENT)	
				US 641363 A 19960430	
WO 9740872	P	19970428	WO AE	APPLICATION DATA	(APPL. DATA)
				WO 97US7114 A 19970428	
WO 9740872	P	19971106	WO AK	DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT	(DESIGNATED STATES CITED IN A PUBLISHED APPL. WITH SEARCH REPORT)
				AU CA JP	
WO 9740872	P	19971106	WO AL	DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT	(DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPL. WITH SEARCH REPORT)
				AT BE CH DE DK ES FI FR GB GR IE IT LUMC NL PT SE	
WO 9740872	P	19971106	WO A1	PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE INTERNATIONAL SEARCH REPORT	(PUB. OF THE INTERNATIONAL APPL. WITH THE INTERNATIONAL SEARCH REPORT)
WO 9740872	P	19971224	WO DFPE	REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE	
WO 9740872	P	19980204	WO 121	EP: PCT APP. ART. 158 (1)	(EP: PCT ANM. ART. 158 (1))
WO 9740872	P	19990305	WO NENP	NON-ENTRY INTO THE NATIONAL PHASE IN: JP 97539132	
WO 9740872	P	19991030	WO NENP	NON-ENTRY INTO THE NATIONAL PHASE IN: CA	
WO 9740872	P	19991124	WO 122	EP: PCT APP. NOT ENT. EUROP. PHASE	(EP: PCT ANM. NICHT IN EUROP. PHASE EING.)

Dialog® File Number 345 Accession Number 13927187

QUESTEL SEARCH RESULTS FOR US PATENT 5820589

March 8, 2001

Cluster : LEGAL

Databases : LGST, CRXX, PAST, LITA

Search statement 1: us5820589/pn

Term not in index/PN-LITA : US5820589

LGST 1 [LEGAL STATUS]

CRXX 1 [CLAIMS, REISSUE, REASSIGN., REEXAM INFO]

PAST 1 [PATENT STATUS]

LITA 0 [LITIGATION ALERT]

** SS 1 : Results 3

1/3 LGST (1/1) - (C) LEGSTAT

PN - US 5820589 [US5820589]

AP - US 641363/96 19960430 [1996US-0641363]

DT - US-P

ACT - 19960430 US/AE-A

APPLICATION DATA (PATENT)

{US 641363/96 19960430 [1996US-0641363]}

- 19960715 US/AS02

ASSIGNMENT OF ASSIGNOR'S INTEREST

MEDTRONIC, INC. 3000 CENTRAL AVENUE NE MINNEAPOLIS, MINNESOTA 55432 *

TORGERSON, NATHAN A. : 19960709; McMULLEN, RAYMOND F. : 19960708

- 19981013 US/A

PATENT

- 20010206 US/RF

REISSUE APPLICATION FILED

20001011

UP - 2001-06

2/3 CRXX (1/1) - (C) CLAIMS/RRX

AN - 3053842

PN - 5,820,589 A 19981013 [US5820589]

PA - Medtronic Inc

PT - M (Mechanical)

ACT - 20001011 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20010206

REISSUE REQUEST NUMBER: 09/686468

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3734

Reissue Patent Number:

UP - 2001-06

UACT- 2001-02-06

3/3 PAST (1/1) - (C) PAST

AN - 200106-001129

PN - 5820589 A [US5820589]

DT - A (UTILITY)

OG - 2001-02-06

CO - REA

ACT - REISSUE APPLICATION FILED

SH - REISSUE APPLICATION FILED

LEXIS/NEXIS SEARCH RESULTS FOR US PATENT 5,820,589
March 8, 2001

LEVEL 1 - 1 OF 1 PATENT

<5,820,589>

<<=2>> GET 1st DRAWING SHEET OF 3

Oct. 13, 1998

Implantable non-invasive rate-adjustable pump

REISSUE: Reissue Application filed Oct. 11, 2000 (O.G. Feb. 6, 2001) Ex. Gp.: 3734; Re. S.N. 09/686,468

CORE TERMS: pump, implantable, valve, fluid, patient, telemetry, programmer, reservoir, implanted, restrictor...

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5,820,589 OR 5820589

Your search request has found no [LAW] CASES.

Your search request has found no [LAW JOURNAL] ITEMS.

Your search request has found 2 STORIES through Level 1. [NEITHER STORY WAS RELEVANT. IN BOTH, THE NUMBER "5820589" IS A MONETARY FIGURE.]